



1641

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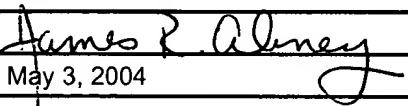
TRANSMITTAL
FORM

(to be used for all correspondence after initial filing)

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	09/844,655	
	Filing Date	April 27, 2001	
	First Named Inventor	Wei Huang	
	Art Unit	1641	
	Examiner Name	Changhwa J. Cheu	
Total Number of Pages in This Submission	6+	Attorney Docket Number	LJL 357

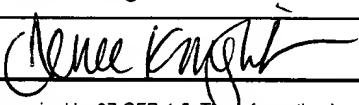
ENCLOSURES (Check all that apply)			
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)	
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences	
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)	
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information	
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter	
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):	
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	1. PTO-1449 forms (3 pages)	
<input checked="" type="checkbox"/> Information Disclosure Statement (Fifth Supplemental)	<input type="checkbox"/> Request for Refund	2. 24 References (5 U.S. Patents, 5 Foreign Patents, 14 Other Documents)	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____		
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		Remarks	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53			

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	James R. Abney, Esq. Kolisch Hartwell, P.C.
Signature	
Date	May 3, 2004

CERTIFICATE OF TRANSMISSION/MAILING

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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

WEI HUANG, MERL F. HOEKSTRA,
J. RICHARD SPORTSMAN,
and EWALD A. TERPETSCHNIG

Date: May 3, 2004

Serial No. : 09/844,655

Examiner Changhwa J. Cheu

Filed : April 27, 2001

Group Art Unit 1641

For : MOLECULAR MODIFICATION ASSAYS

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

FIFTH SUPPLEMENTAL INFORMATION DISCLOSURE
STATEMENT UNDER 37 C.F.R. §§ 1.56, 1.97, and 1.98

Applicants are submitting this Fifth Supplemental Information Disclosure Statement pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98 to disclose to the U.S. Patent and Trademark Office the patents, publications, applications, and/or other references listed on the enclosed, completed PTO-1449 form(s). The filing of this Fifth Supplemental Information Disclosure Statement should not be construed as a representation that a search has been made or as an admission that the listed references are prior art for this application. Applicants respectfully request that the listed references be expressly considered during prosecution of the application, and that the references be made of record therein and appear among the "references cited" on any patents issuing therefrom.

CONTENT OF DISCLOSURE

This Fifth Supplemental Information Disclosure Statement includes (1) three pages of PTO-1449 forms, and (2) a legible copy of each reference listed on the form(s).

TIMING OF DISCLOSURE / FEE INFORMATION

This Fifth Supplemental Information Disclosure Statement is being filed, to the best of the undersigned's knowledge, either (1) before the mailing of a first Office action on the merits, or (2) before the mailing of a first Office action after the filing of a request for continued examination under 37 C.F.R. § 1.114. Therefore, in accordance with 37 C.F.R. § 1.97(b), no fee or statement under 37 C.F.R. § 1.97(e) is required.

Please contact the undersigned with any questions or comments regarding this Fifth Supplemental Information Disclosure Statement.

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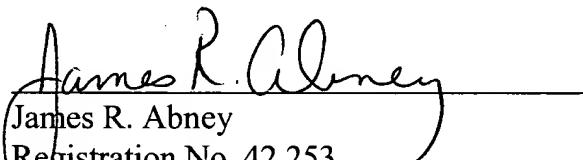
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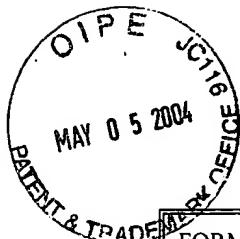
Renee Knight

Respectfully submitted,

KOLISCH HARTWELL, P.C.

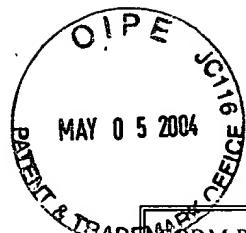


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SHEET 1 OF 3

FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER LJL 357	APPLICATION NUMBER 09/844,655			
		APPLICANTS Wei Huang et al.				
		FILING DATE April 27, 2001	GROUP ART UNIT 1641			
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
	5,494,793	2/27/96	Schindele et al.			
	5,861,262	1/19/99	Chaudiere et al.			
	6,022,708	2/8/00	de Sauvage et al.			
	6,451,871	9/17/02	Winterton et al.			
	6,703,498	3/9/04	Tchaga			
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
	1-143874	6/6/89	Japan			XX
	1-231898	9/18/89	Japan			XX
OTHER DOCUMENTS						
	<i>Adaptation of Fluorescence Polarization Immunoassay to the Assay of Macromolecules</i> , Urios et al., <u>Analytical Biochemistry</u> , Vol. 185, No. 2, pp. 308-312, March 1990.					
	<i>Direction Observation of the Biphasic Conformational Change of DNA Induced by Cationic Polymers</i> , Minagawa et al., <u>FEBS</u> , Vol. 295, No. 1-3, pp. 67-69, December 1991.					
	<i>Accessibility of Nucleic Acid-Complexed Biomolecules to Hydroxyl Radicals Correlates With Their Conformation: A Fluorescence Polarization Spectroscopy Study</i> , Makrigiorgos et al., <u>International Journal of Radiation Biology</u> , Vol. 66, No. 3, pp. 247-257, September 1994.					
	<i>A Fluorimetric Method for the Detection of Copper-Mediated Hydroxyl Free Radicals in the Immediate Proximity of DNA</i> , Makrigiorgos et al., <u>Free Radical Biology & Medicine</u> , Vol. 18, No. 4, pp. 669-678, April 1995.					
EXAMINER			DATE CONSIDERED			



SHEET 2 OF 3

FORM PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER LJL 357	APPLICATION NUMBER 09/844,655			
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FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
	2-295496	12/6/90	Japan			XX
	5-123196	5/21/93	Japan			XX
OTHER DOCUMENTS						
	<i>Gmelin: Handbook of Inorganic and Organometallic Chemistry: Ga Gallium: Supplement Volume D 3 Coordination Compounds 3, Kotowski et al., pp. 152-170, 202, 209, and 262, November 1995.</i>					
	<i>Application of Fluorescence Polarization Assays in High-Throughput Screening, Owicki et al., Genetic Engineering News, Vol. 17, No. 19, pp. 1-3, 1997.</i>					
	<i>Chemistry of the Elements, Second Edition, Greenwood et al., pp. 905-925, 1997.</i>					
	<i>Homogeneous Proximity Tyrosine Kinase Assays: Scintillation Proximity Assay Versus Homogeneous Time-Resolved Fluorescence, Park et al., Analytical Biochemistry, Vol. 269, No. 1, pp. 94-104, April 1999.</i>					
	<i>Fluorescence Polarization and Anisotropy in High Throughput Screening: Perspectives and Primer, Owicki, Journal of Biomolecular Screening, Vol. 5, No. 5, pp. 297-306, October 2000.</i>					
EXAMINER			DATE CONSIDERED			



MAY 05 2004

SHEET 3 OF 3

INFORMATION DISCLOSURE CITATION IN AN APPLICATION		DOCKET NUMBER LJL 357		APPLICATION NUMBER 09/844,655		
		APPLICANTS Wei Huang et al.				
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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL. DATE IF APPROP.
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
	6-43159	2/18/94	Japan			XX
OTHER DOCUMENTS						
	<i>Microchip-Based Systems for Target Validation and HTS</i> , Sundberg et al., <i>Drug Discovery Today</i> , Vol. 5, No. 12 (Suppl.), pp. S92-103, December 2000.					
	<i>What is a Coordination Compound?</i> , internet printouts, pp. 1-5, June 9, 2002 (print date).					
	<i>Mobility Shift Screening Assays for Protein Kinase Targets</i> , Kotturi et al., <i>American Laboratory</i> , pp. 32, 34, 36, and 38-39, February 2003.					
	<i>A Homogeneous Fluorescence Polarization Assay Adaptable for a Range of Protein Serine/Threonine and Tyrosine Kinases</i> , Gaudet et al., <i>Journal of Biomolecular Screening</i> , Vol. 8, No. 2, pp. 164-175, April 2003.					
	<i>Analyst® GT Multimode Reader</i> , Molecular Devices Corporation, brochure, pp. 1-2, 2003.					
EXAMINER			DATE CONSIDERED			